



(a)(2xii) Failing On-board Diagnostic Check

From 1/1/2014 to 12/31/2014

All Vehicles Model Year	A			T			O			B			C			Total		
	Test Count	ASM Fail Count	% Fail	Test Count	TSI Fail Count	% Fail	Test Count	OBD Fail Count	% Fail	Test Count	OBD+ ASM		Test Count	OBD+ TSI		Test Count	Fail Count	% Fail
											Fail Count	% Fail		Fail Count	% Fail			
1996	0	0	0.0%	0	0	0.0%	9335	759	8.1%	724	204	28.2%	122	17	13.9%	10181	980	9.6%
1997	0	0	0.0%	0	0	0.0%	13034	1090	8.4%	477	135	28.3%	11	4	36.4%	13522	1229	9.1%
1998	0	0	0.0%	0	0	0.0%	18949	1377	7.3%	450	89	19.8%	60	14	23.3%	19459	1480	7.6%
1999	0	0	0.0%	0	0	0.0%	22038	1708	7.8%	1	0	0.0%	0	0	0.0%	22039	1708	7.7%
2000	0	0	0.0%	0	0	0.0%	33054	2460	7.4%	0	0	0.0%	0	0	0.0%	33054	2460	7.4%
2001	0	0	0.0%	0	0	0.0%	30083	2362	7.9%	3	0	0.0%	0	0	0.0%	30086	2362	7.9%
2002	0	0	0.0%	0	0	0.0%	43457	2615	6.0%	0	0	0.0%	0	0	0.0%	43457	2615	6.0%
2003	0	0	0.0%	0	0	0.0%	40959	2285	5.6%	1	0	0.0%	0	0	0.0%	40960	2285	5.6%
2004	0	0	0.0%	0	0	0.0%	59195	2369	4.0%	3	1	33.3%	0	0	0.0%	59198	2370	4.0%
2005	0	0	0.0%	0	0	0.0%	48923	1895	3.9%	3	1	33.3%	0	0	0.0%	48926	1896	3.9%
2006	0	0	0.0%	0	0	0.0%	65372	1893	2.9%	0	0	0.0%	1	0	0.0%	65373	1893	2.9%
2007	0	0	0.0%	0	0	0.0%	54411	1263	2.3%	5	1	20.0%	1	0	0.0%	54417	1264	2.3%
2008	0	0	0.0%	0	0	0.0%	64299	910	1.4%	0	0	0.0%	0	0	0.0%	64299	910	1.4%
2009	0	0	0.0%	0	0	0.0%	39091	465	1.2%	1	0	0.0%	1	0	0.0%	39093	465	1.2%
2010	0	0	0.0%	0	0	0.0%	64213	393	0.6%	0	0	0.0%	0	0	0.0%	64213	393	0.6%
2011	0	0	0.0%	0	0	0.0%	56381	279	0.5%	0	0	0.0%	0	0	0.0%	56381	279	0.5%
2012	0	0	0.0%	0	0	0.0%	90929	350	0.4%	2	0	0.0%	0	0	0.0%	90931	350	0.4%
2013	0	0	0.0%	0	0	0.0%	48006	101	0.2%	0	0	0.0%	1	0	0.0%	48007	101	0.2%
2014	0	0	0.0%	0	0	0.0%	11653	18	0.2%	1	0	0.0%	0	0	0.0%	11654	18	0.2%
2015	0	0	0.0%	0	0	0.0%	640	0	0.0%	0	0	0.0%	0	0	0.0%	640	0	0.0%
Totals:	0	0	0.0%	0	0	0.0%	814022	24592	3.0%	1671	431	25.8%	197	35	17.8%	815890	25058	3.1%



(a)(2xii) Failing On-board Diagnostic Check

From 1/1/2014 to 12/31/2014

Passenger Model Year	A			T			O			B			C			Total		
	ASM		% Fail	TSI		% Fail	OBD		% Fail	OBD+ ASM		% Fail	OBD+ TSI		% Fail	Total		
	Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count	Test Count
1996	0	0	0.0%	0	0	0.0%	5846	424	7.3%	552	148	26.8%	121	17	14.0%	6519	589	9.0%
1997	0	0	0.0%	0	0	0.0%	7957	613	7.7%	365	100	27.4%	10	4	40.0%	8332	717	8.6%
1998	0	0	0.0%	0	0	0.0%	11645	836	7.2%	446	87	19.5%	60	14	23.3%	12151	937	7.7%
1999	0	0	0.0%	0	0	0.0%	13408	1047	7.8%	0	0	0.0%	0	0	0.0%	13408	1047	7.8%
2000	0	0	0.0%	0	0	0.0%	19452	1503	7.7%	0	0	0.0%	0	0	0.0%	19452	1503	7.7%
2001	0	0	0.0%	0	0	0.0%	17542	1316	7.5%	3	0	0.0%	0	0	0.0%	17545	1316	7.5%
2002	0	0	0.0%	0	0	0.0%	23777	1421	6.0%	0	0	0.0%	0	0	0.0%	23777	1421	6.0%
2003	0	0	0.0%	0	0	0.0%	22680	1231	5.4%	1	0	0.0%	0	0	0.0%	22681	1231	5.4%
2004	0	0	0.0%	0	0	0.0%	28344	1128	4.0%	2	0	0.0%	0	0	0.0%	28346	1128	4.0%
2005	0	0	0.0%	0	0	0.0%	25598	1027	4.0%	1	0	0.0%	0	0	0.0%	25599	1027	4.0%
2006	0	0	0.0%	0	0	0.0%	34535	1029	3.0%	0	0	0.0%	1	0	0.0%	34536	1029	3.0%
2007	0	0	0.0%	0	0	0.0%	31048	693	2.2%	3	0	0.0%	0	0	0.0%	31051	693	2.2%
2008	0	0	0.0%	0	0	0.0%	35190	490	1.4%	0	0	0.0%	0	0	0.0%	35190	490	1.4%
2009	0	0	0.0%	0	0	0.0%	26127	286	1.1%	1	0	0.0%	1	0	0.0%	26129	286	1.1%
2010	0	0	0.0%	0	0	0.0%	36145	207	0.6%	0	0	0.0%	0	0	0.0%	36145	207	0.6%
2011	0	0	0.0%	0	0	0.0%	30319	173	0.6%	0	0	0.0%	0	0	0.0%	30319	173	0.6%
2012	0	0	0.0%	0	0	0.0%	52009	217	0.4%	1	0	0.0%	0	0	0.0%	52010	217	0.4%
2013	0	0	0.0%	0	0	0.0%	27790	68	0.2%	0	0	0.0%	1	0	0.0%	27791	68	0.2%
2014	0	0	0.0%	0	0	0.0%	6300	7	0.1%	1	0	0.0%	0	0	0.0%	6301	7	0.1%
2015	0	0	0.0%	0	0	0.0%	318	0	0.0%	0	0	0.0%	0	0	0.0%	318	0	0.0%
Totals:	0	0	0.0%	0	0	0.0%	456030	13716	3.0%	1376	335	24.3%	194	35	18.0%	457600	14086	3.1%

(a)(2xii) Failing On-board Diagnostic Check

From 1/1/2014 to 12/31/2014

LD Truck Model Year	A			T			O			B			C			Total		
	Test Count	ASM		Test Count	TSI		Test Count	OBD		Test Count	OBD+ ASM		Test Count	OBD+ TSI		Test Count	Fail	
		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail
1996	0	0	0.0%	0	0	0.0%	2579	245	9.5%	171	56	32.7%	1	0	0.0%	2751	301	10.9%
1997	0	0	0.0%	0	0	0.0%	3887	358	9.2%	112	35	31.3%	1	0	0.0%	4000	393	9.8%
1998	0	0	0.0%	0	0	0.0%	5653	384	6.8%	4	2	50.0%	0	0	0.0%	5657	386	6.8%
1999	0	0	0.0%	0	0	0.0%	6044	494	8.2%	1	0	0.0%	0	0	0.0%	6045	494	8.2%
2000	0	0	0.0%	0	0	0.0%	10204	732	7.2%	0	0	0.0%	0	0	0.0%	10204	732	7.2%
2001	0	0	0.0%	0	0	0.0%	9149	772	8.4%	0	0	0.0%	0	0	0.0%	9149	772	8.4%
2002	0	0	0.0%	0	0	0.0%	14514	869	6.0%	0	0	0.0%	0	0	0.0%	14514	869	6.0%
2003	0	0	0.0%	0	0	0.0%	12544	675	5.4%	0	0	0.0%	0	0	0.0%	12544	675	5.4%
2004	0	0	0.0%	0	0	0.0%	21399	814	3.8%	1	1	100.0%	0	0	0.0%	21400	815	3.8%
2005	0	0	0.0%	0	0	0.0%	16350	611	3.7%	2	1	50.0%	0	0	0.0%	16352	612	3.7%
2006	0	0	0.0%	0	0	0.0%	21159	524	2.5%	0	0	0.0%	0	0	0.0%	21159	524	2.5%
2007	0	0	0.0%	0	0	0.0%	15628	310	2.0%	2	1	50.0%	1	0	0.0%	15631	311	2.0%
2008	0	0	0.0%	0	0	0.0%	17198	185	1.1%	0	0	0.0%	0	0	0.0%	17198	185	1.1%
2009	0	0	0.0%	0	0	0.0%	8449	96	1.1%	0	0	0.0%	0	0	0.0%	8449	96	1.1%
2010	0	0	0.0%	0	0	0.0%	18597	104	0.6%	0	0	0.0%	0	0	0.0%	18597	104	0.6%
2011	0	0	0.0%	0	0	0.0%	15516	53	0.3%	0	0	0.0%	0	0	0.0%	15516	53	0.3%
2012	0	0	0.0%	0	0	0.0%	23614	81	0.3%	1	0	0.0%	0	0	0.0%	23615	81	0.3%
2013	0	0	0.0%	0	0	0.0%	12958	20	0.2%	0	0	0.0%	0	0	0.0%	12958	20	0.2%
2014	0	0	0.0%	0	0	0.0%	2985	3	0.1%	0	0	0.0%	0	0	0.0%	2985	3	0.1%
2015	0	0	0.0%	0	0	0.0%	215	0	0.0%	0	0	0.0%	0	0	0.0%	215	0	0.0%
Totals:	0	0	0.0%	0	0	0.0%	238642	7330	3.1%	294	96	32.7%	3	0	0.0%	238939	7426	3.1%



(a)(2xii) Failing On-board Diagnostic Check

From 1/1/2014 to 12/31/2014

MD Truck Model Year	A			T			O			B			C			Total		
	ASM		% Fail	TSI		% Fail	OBD		% Fail	OBD+ ASM		% Fail	OBD+ TSI		% Fail	Total		
	Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count		Test Count	Fail Count	Test Count
1996	0	0	0.0%	0	0	0.0%	848	84	9.9%	1	0	0.0%	0	0	0.0%	849	84	9.9%
1997	0	0	0.0%	0	0	0.0%	1095	107	9.8%	0	0	0.0%	0	0	0.0%	1095	107	9.8%
1998	0	0	0.0%	0	0	0.0%	1566	147	9.4%	0	0	0.0%	0	0	0.0%	1566	147	9.4%
1999	0	0	0.0%	0	0	0.0%	2446	159	6.5%	0	0	0.0%	0	0	0.0%	2446	159	6.5%
2000	0	0	0.0%	0	0	0.0%	3218	199	6.2%	0	0	0.0%	0	0	0.0%	3218	199	6.2%
2001	0	0	0.0%	0	0	0.0%	3165	243	7.7%	0	0	0.0%	0	0	0.0%	3165	243	7.7%
2002	0	0	0.0%	0	0	0.0%	4931	297	6.0%	0	0	0.0%	0	0	0.0%	4931	297	6.0%
2003	0	0	0.0%	0	0	0.0%	5303	341	6.4%	0	0	0.0%	0	0	0.0%	5303	341	6.4%
2004	0	0	0.0%	0	0	0.0%	8585	384	4.5%	0	0	0.0%	0	0	0.0%	8585	384	4.5%
2005	0	0	0.0%	0	0	0.0%	6051	219	3.6%	0	0	0.0%	0	0	0.0%	6051	219	3.6%
2006	0	0	0.0%	0	0	0.0%	8220	272	3.3%	0	0	0.0%	0	0	0.0%	8220	272	3.3%
2007	0	0	0.0%	0	0	0.0%	6922	214	3.1%	0	0	0.0%	0	0	0.0%	6922	214	3.1%
2008	0	0	0.0%	0	0	0.0%	10903	202	1.9%	0	0	0.0%	0	0	0.0%	10903	202	1.9%
2009	0	0	0.0%	0	0	0.0%	4097	75	1.8%	0	0	0.0%	0	0	0.0%	4097	75	1.8%
2010	0	0	0.0%	0	0	0.0%	8567	66	0.8%	0	0	0.0%	0	0	0.0%	8567	66	0.8%
2011	0	0	0.0%	0	0	0.0%	9704	38	0.4%	0	0	0.0%	0	0	0.0%	9704	38	0.4%
2012	0	0	0.0%	0	0	0.0%	13874	41	0.3%	0	0	0.0%	0	0	0.0%	13874	41	0.3%
2013	0	0	0.0%	0	0	0.0%	6735	10	0.1%	0	0	0.0%	0	0	0.0%	6735	10	0.1%
2014	0	0	0.0%	0	0	0.0%	2197	8	0.4%	0	0	0.0%	0	0	0.0%	2197	8	0.4%
2015	0	0	0.0%	0	0	0.0%	101	0	0.0%	0	0	0.0%	0	0	0.0%	101	0	0.0%
Totals:	0	0	0.0%	0	0	0.0%	108528	3106	2.9%	1	0	0.0%	0	0	0.0%	108529	3106	2.9%



(a)(2xii) Failing On-board Diagnostic Check

From 1/1/2014 to 12/31/2014

HD Truck Model Year	A			T			O			B			C			Total		
	Test Count	ASM		Test Count	TSI		Test Count	OBD		Test Count	OBD+ ASM		Test Count	OBD+ TSI		Test Count	Fail	
		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail		Fail Count	% Fail
1996	0	0	0.0%	0	0	0.0%	62	6	9.7%	0	0	0.0%	0	0	0.0%	62	6	9.7%
1997	0	0	0.0%	0	0	0.0%	95	12	12.6%	0	0	0.0%	0	0	0.0%	95	12	12.6%
1998	0	0	0.0%	0	0	0.0%	85	10	11.8%	0	0	0.0%	0	0	0.0%	85	10	11.8%
1999	0	0	0.0%	0	0	0.0%	140	8	5.7%	0	0	0.0%	0	0	0.0%	140	8	5.7%
2000	0	0	0.0%	0	0	0.0%	180	26	14.4%	0	0	0.0%	0	0	0.0%	180	26	14.4%
2001	0	0	0.0%	0	0	0.0%	227	31	13.7%	0	0	0.0%	0	0	0.0%	227	31	13.7%
2002	0	0	0.0%	0	0	0.0%	235	28	11.9%	0	0	0.0%	0	0	0.0%	235	28	11.9%
2003	0	0	0.0%	0	0	0.0%	432	38	8.8%	0	0	0.0%	0	0	0.0%	432	38	8.8%
2004	0	0	0.0%	0	0	0.0%	867	43	5.0%	0	0	0.0%	0	0	0.0%	867	43	5.0%
2005	0	0	0.0%	0	0	0.0%	924	38	4.1%	0	0	0.0%	0	0	0.0%	924	38	4.1%
2006	0	0	0.0%	0	0	0.0%	1458	68	4.7%	0	0	0.0%	0	0	0.0%	1458	68	4.7%
2007	0	0	0.0%	0	0	0.0%	813	46	5.7%	0	0	0.0%	0	0	0.0%	813	46	5.7%
2008	0	0	0.0%	0	0	0.0%	1008	33	3.3%	0	0	0.0%	0	0	0.0%	1008	33	3.3%
2009	0	0	0.0%	0	0	0.0%	418	8	1.9%	0	0	0.0%	0	0	0.0%	418	8	1.9%
2010	0	0	0.0%	0	0	0.0%	904	16	1.8%	0	0	0.0%	0	0	0.0%	904	16	1.8%
2011	0	0	0.0%	0	0	0.0%	842	15	1.8%	0	0	0.0%	0	0	0.0%	842	15	1.8%
2012	0	0	0.0%	0	0	0.0%	1432	11	0.8%	0	0	0.0%	0	0	0.0%	1432	11	0.8%
2013	0	0	0.0%	0	0	0.0%	523	3	0.6%	0	0	0.0%	0	0	0.0%	523	3	0.6%
2014	0	0	0.0%	0	0	0.0%	171	0	0.0%	0	0	0.0%	0	0	0.0%	171	0	0.0%
2015	0	0	0.0%	0	0	0.0%	6	0	0.0%	0	0	0.0%	0	0	0.0%	6	0	0.0%
Totals:	0	0	0.0%	0	0	0.0%	10822	440	4.1%	0	0	0.0%	0	0	0.0%	10822	440	4.1%